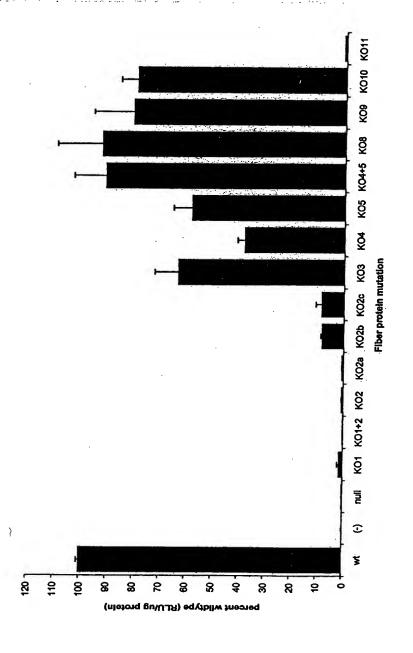


Figure 1



Figure

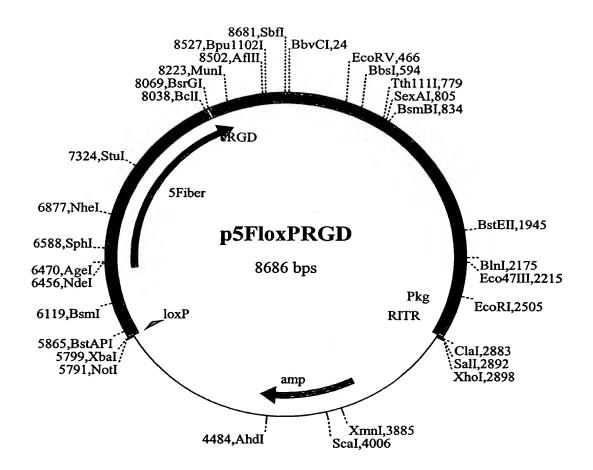


Figure 3

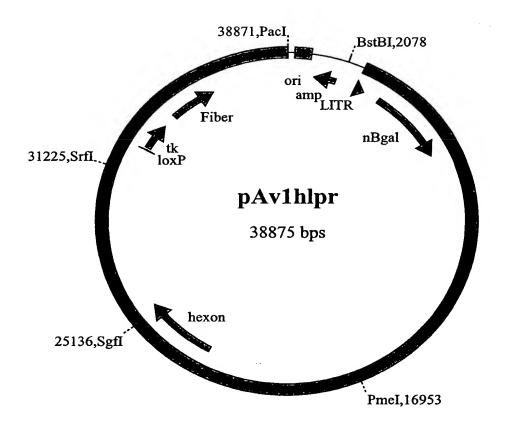


Figure 4

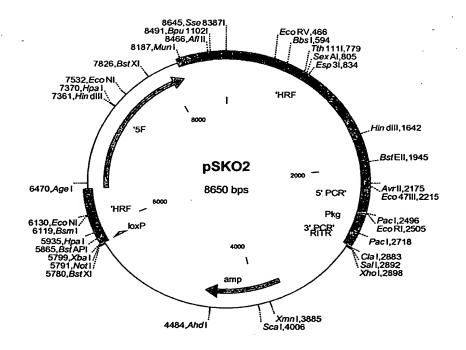


Figure 5

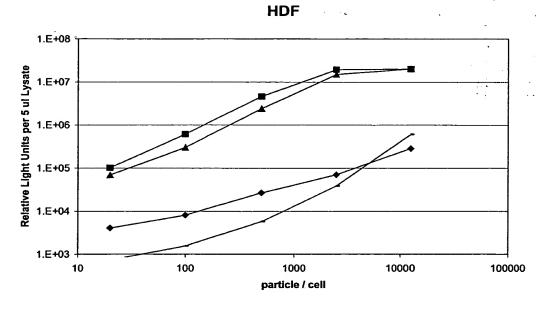


Figure 6A

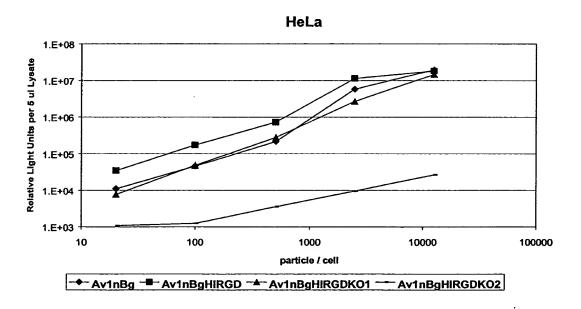


Figure 6B

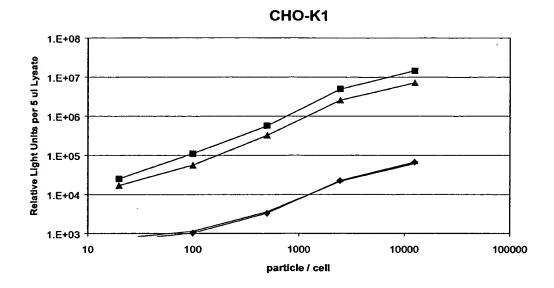


Figure 6C

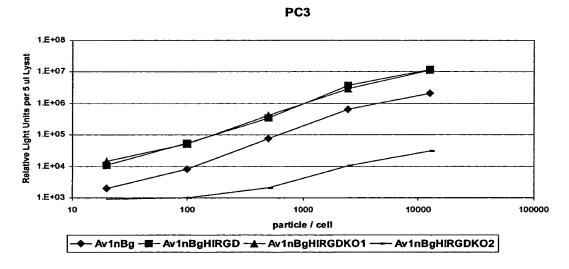


Figure 6D

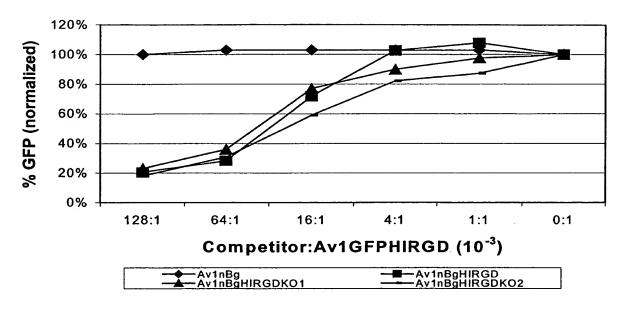


Figure 7

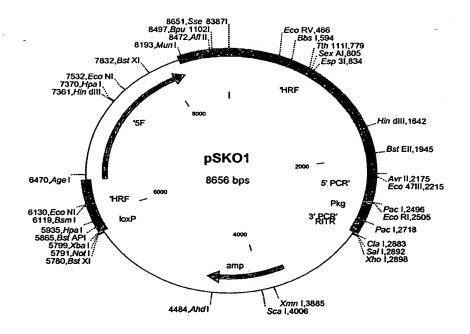


Figure 8

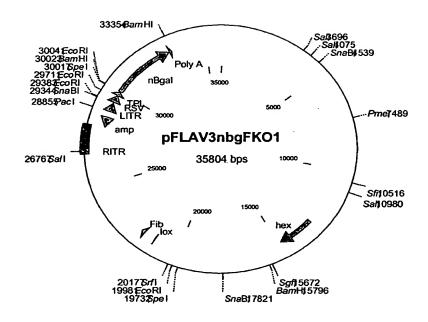


Figure 9

Fig. 10A Transduction of HeLa Cells

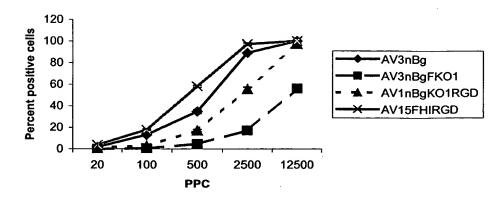


Fig. 10B Transduction on HDF cells

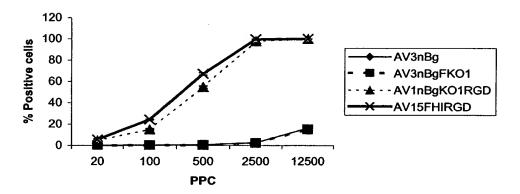


Fig. 11A Transducti n on Human Hepatocellular Carcinoma, Hep3B cells

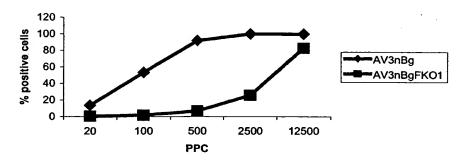


Fig. 11B Transduction on Human Hepatocellular Carcinoma, HepG2 cells

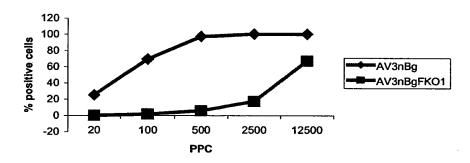
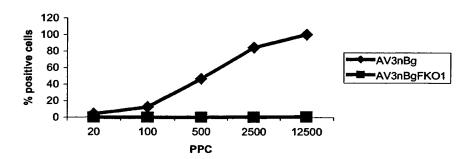


Fig. 11C Transduction on Mouse Hepatocytes, FL83b cells



## Comp tition of Av3nBg and Av3nBgFKO1 on HeLa Cells

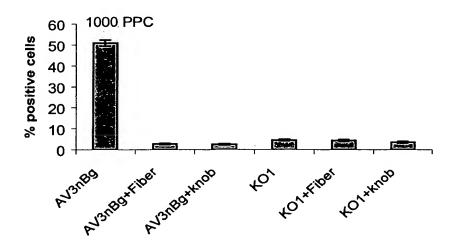


Figure 12

## In vivo $\beta$ -Galactosidas Activity in Liver

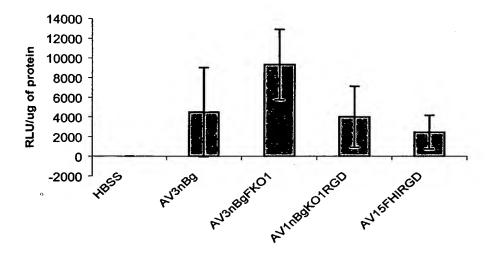


Figure 13

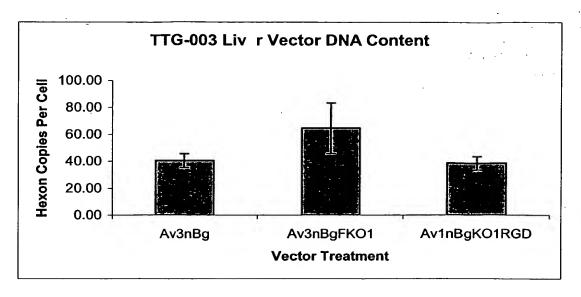


Figure 14

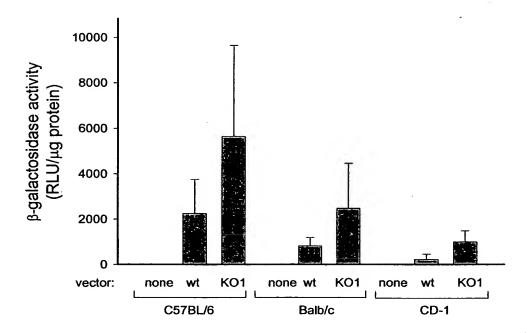


Figure 15

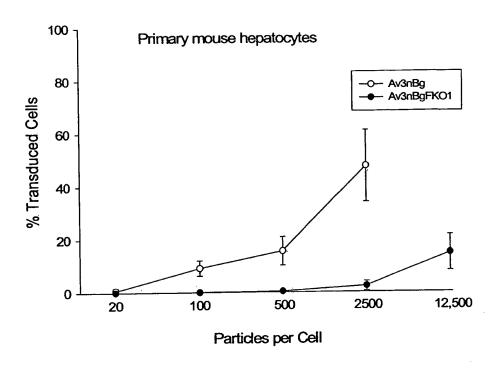


Figure 16